## Coconut Rhinoceros Beetle Tissue Samples from the Universty of Guam | Aubrey Moore | 2023-10-06

Note: There are 2 tubes for each sample, one coded HISTO for histology and on coded MPG for DNA

batch	tube_number	specimen_id	date_collected	site	sex	date_dosed	treatment		pm_mites pm_nem	a pm_heartbeat
0 AgR Team 202209	1		2023-07-14	Leo Palace Golf Course, Guam	m	2023-08-04		2023-08-15	0	0
1 AgR Team 202209	2	69	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-04	CONTROL	2023-08-15	0	1
2 AgR Team 202209	3	27	2023-07-14	Leo Palace Golf Course, Guam	m	2023-07-31	DUG42	2023-08-16	1	1
3 AgR Team 202209	4	144	2023-07-29	Leo Palace Golf Course, Guam	f	2023-08-15	X2B	2023-08-20	1	0
4 AgR Team 202209	5	71	2023-07-17	Leo Palace Golf Course, Guam	m	2023-08-15	X2B	2023-08-20	0	1
5 AgR Team 202209	6	72	2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-04	CONTROL	2023-08-20	0	1
6 AgR Team 202209	7	22	2023-07-12	Leo Palace Golf Course, Guam	f	2023-08-15	CONTROL	2023-08-20	1	1
7 AgR Team 202209	8	44	2023-07-17	Leo Palace Golf Course, Guam	f	2023-07-31	CONTROL	2023-08-22	0	0
8 AgR Team 202209	9	37	2023-07-14	Leo Palace Golf Course, Guam	m	2023-08-04	DUG42	2023-08-22	1	1
9 AgR Team 202209	10	46	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-04	CONTROL	2023-08-24	0	0
10 AgR Team 202209	11	196	2023-07-31	Leo Palace Golf Course, Guam	m	2023-08-24	DUG42	2023-08-25	1	0
11 AgR Team 202209	12	200	2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-15	CONTROL	2023-08-25	0	1
12 AgR Team 202209	13	49	2023-07-17	Leo Palace Golf Course, Guam	f	2023-07-31	DUG42	2023-08-26	0	1
13 AgR Team 202209	14	118	2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-24	PNG	2023-08-26	0	0
14 AgR Team 202209	15	20	2023-07-12	Leo Palace Golf Course, Guam	f	2023-07-31	CONTROL	2023-08-28	0	0
15 AgR Team 202209	16	18	2023-07-12	Leo Palace Golf Course, Guam	m	2023-08-15	CONTROL	2023-08-28	0	0
16 AgR Team 202209	17	154	2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-24	PNG	2023-08-28	0	0
17 AgR Team 202209	18		2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-24	X2B	2023-08-28	0	0
18 AgR Team 202209	19	33	2023-07-14	Leo Palace Golf Course, Guam	m	2023-08-04	DUG42	2023-08-29	0	1
19 AgR Team 202209	20	40	2023-07-17	Leo Palace Golf Course, Guam	m	2023-08-24	V23B	2023-08-29	0	1
20 AgR Team 202209	21	93	2023-07-20	Leo Palace Golf Course, Guam	f	2023-07-31	CONTROL	2023-08-30	1	1
21 AgR Team 202209	22	129	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	V23B	2023-08-30	0	1
22 AgR Team 202209	23	80	2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-04	DUG42	2023-08-30	0	1
23 AgR Team 202209	24	64	2023-07-17	Leo Palace Golf Course, Guam	f	2023-07-31	DUG42	2023-08-31	1	1
24 AgR Team 202209	25	147	2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-15	DUG42	2023-08-31	0	1
25 AgR Team 202209	26	273	2023-08-08	Leo Palace Golf Course, Guam	f	2023-08-24	DUG42	2023-08-31	0	0
26 AgR Team 202209	27	109	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-24	CONTROL	2023-09-01	0	1
27 AgR Team 202209	28	35	2023-07-14	Leo Palace Golf Course, Guam	m	2023-08-04	CONTROL	2023-09-01	1	0
28 AgR Team 202209	29	41	2023-07-17	Leo Palace Golf Course, Guam	m	2023-08-15	CONTROL	2023-09-01	0	1
29 AgR Team 202209	30	130	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-04	DUG42	2023-09-01	0	1
30 AgR Team 202209	31	73	2023-07-20	Leo Palace Golf Course, Guam	f	2023-08-04	DUG42	2023-09-03	1	1
31 AgR Team 202209	32	207	2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-15	CONTROL	2023-09-03	0	1
32 AgR Team 202209	33	54	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-15	PNG	2023-09-03	0	1
33 AgR Team 202209	34	42	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-15	X2B	2023-09-03	0	1
34 AgR Team 202209	35	126	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	PNG	2023-09-03	0	1
35 AgR Team 202209	36	95	2023-07-20	Leo Palace Golf Course, Guam	f	2023-08-24	CONTROL	2023-09-03	1	0
36 AgR Team 202209	37	203	2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-24	X2B	2023-09-03	0	0
37 AgR Team 202209	38	170	2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-24	V23B	2023-09-03	0	0
38 AgR Team 202209	39	34	2023-07-14	Leo Palace Golf Course, Guam	m	2023-07-31	CONTROL	2023-09-04	1	0
39 AgR Team 202209	40	136	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	DUG42	2023-09-04	0	0
40 AgR Team 202209	41	19	2023-07-12	Leo Palace Golf Course, Guam	f	2023-08-15	X2B	2023-09-04	0	1
41 AgR Team 202209	42	66	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-24	V23B	2023-09-04	0	1
42 AgR Team 202209	43		2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	V23B	2023-09-04	1	0

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43 AgR Team 202209	44	152 2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-24 X2B	2023-09-04	0	0	1
44 AgR Team 202209	45	21 2023-07-12	Leo Palace Golf Course, Guam	m	2023-07-31 DUG42	2023-09-04	0	1	1
45 AgR Team 202209	46	83 2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-15 V23B	2023-09-04	0	1	1
46 AgR Team 202209	47	138 2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-24 CONTR	ROL 2023-09-05	0	0	0
47 AgR Team 202209	48	114 2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-15 PNG	2023-09-05	0	1	1
48 AgR Team 202209	49	117 2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-04 CONTR	ROL 2023-09-06	0	0	1
49 AgR Team 202209	50	132 2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-04 DUG42	2023-09-06	0	1	1
50 GUAM 2023	1	173 2023-07-29	Leo Palace Golf Course, Guam	f	2023-08-15 PNG	2023-09-15	1	0	1
51 GUAM 2023	2	204 2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-15 V23B	2023-09-15	0	1	0
52 GUAM 2023	3	151 2023-07-29	Leo Palace Golf Course, Guam	f	2023-08-15 CONTR	ROL 2023-09-18	1	1	1
53 GUAM 2023	4	185 2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-24 DUG42	2023-09-18	1	0	0
54 GUAM 2023	5	98 2023-07-20	Leo Palace Golf Course, Guam	f	2023-08-04 DUG42	2023-09-18	0	1	1
55 GUAM 2023	6	58 2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-15 V23B	2023-09-18	0	1	1
56 GUAM 2023	7	149 2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-15 DUG42	2023-09-18	1	1	0
57 GUAM 2023	8	150 2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-15 X2B	2023-09-18	1	0	1
58 GUAM 2023	9	86 2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-15 PNG	2023-09-18	0	1	0
59 GUAM 2023	10	278 2023-08-08	Leo Palace Golf Course, Guam	m	2023-08-31 CONTR	ROL 2023-09-19	0	1	0
60 GUAM 2023	11	349 2023-08-14	Leo Palace Golf Course, Guam	f	2023-08-31 DUG42	2023-09-19	1	0	1
61 GUAM 2023	12	280 2023-08-08	Leo Palace Golf Course, Guam	m	2023-08-31 V23B	2023-09-19	0	1	1
62 GUAM 2023	13	217 2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-31 DUG42	2023-09-19	0	0	0
63 GUAM 2023	14	76 2023-07-20	Leo Palace Golf Course, Guam	f	2023-07-31 CONTE	ROL 2023-09-19	0	0	1
64 GUAM 2023	15	134 2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15 CONTE	ROL 2023-09-19	1	1	1
65 GUAM 2023	16	106 2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-24 V23B	2023-09-19	0	1	1
66 GUAM 2023	17	113 2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-04 DUG42	2023-09-19	0	1	1
67 GUAM 2023	18	36 2023-07-14		m	2023-08-24 CONTE	ROL 2023-09-19	1	1	1
68 GUAM 2023	19	363 2023-08-14	Leo Palace Golf Course, Guam	m	2023-08-31 CONTE	ROL 2023-09-21	0	0	0
69 GUAM 2023	20	403 2023-08-19	Leo Palace Golf Course, Guam	m	2023-08-31 CONTE	ROL 2023-09-21	0	1	0
70 GUAM 2023	21	4 2023-07-09	Leo Palace Golf Course, Guam	m	2023-08-24 PNG	2023-09-21	0	1	0
71 GUAM 2023	22	275 2023-08-08	Leo Palace Golf Course, Guam	m	2023-08-31 V23B	2023-09-21	0	0	0
72 GUAM 2023	23	466 2023-08-21	Leo Palace Golf Course, Guam	m	2023-08-31 X2B	2023-09-21	0	0	0
73 GUAM 2023	24	186 2023-07-31		m	2023-08-15 PNG	2023-09-21	0	1	0
74 GUAM 2023	25	62 2023-07-17	Leo Palace Golf Course, Guam	m	2023-08-15 X2B	2023-09-21	0	1	0
75 GUAM 2023	26	184 2023-07-31	Leo Palace Golf Course, Guam	m	2023-08-24 V23B	2023-09-24	0	1	0
76 GUAM 2023	27	158 2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-24 DUG42	2023-09-24	1	1	1
77 GUAM 2023	28	159 2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-24 X2B	2023-09-24	0	1	0
78 GUAM 2023	29	28 2023-07-14	Leo Palace Golf Course, Guam	m	2023-07-31 CONTE	ROL 2023-09-24	0	0	0
79 GUAM 2023	30	202 2023-07-31	Leo Palace Golf Course, Guam	m	2023-08-15 V23B	2023-09-24	1	0	0
80 GUAM 2023	31	81 2023-07-20	Leo Palace Golf Course, Guam	f	2023-08-24 PNG	2023-09-25	1	1	1
81 GUAM 2023	32	330 2023-08-14	Leo Palace Golf Course, Guam	f	2023-08-31 X2B	2023-09-27	0	0	1
82 GUAM 2023	33	128 2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15 X2B	2023-09-27	0	1	0
83 GUAM 2023	34	59 2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-15 PNG	2023-09-27	1	0	0
84 GUAM 2023	35	142 2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-04 CONTE	ROL 2023-09-27	0	0	1
85 GUAM 2023	36	387 2023-08-16	Leo Palace Golf Course, Guam	m	2023-08-31 DUG42	2023-09-27	0	1	1
86 GUAM 2023	37	78 2023-07-20	Leo Palace Golf Course, Guam	f	2023-07-31 DUG42	2023-09-28	1	1	1

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07/01/11/0000	22	400	0000 07 04	n n n n n		0000 00 04	\ (OOD	0000 00 00		4	
87 GUAM 2023	38		2023-07-31	Leo Palace Golf Course, Guam	İ	2023-08-24	V23B	2023-09-28	0	1	1
88 GUAM 2023	39		2023-08-08	Leo Palace Golf Course, Guam	f	2023-08-24		2023-09-28	0	1	0
89 GUAM 2023	40	189	2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-24	PNG	2023-09-28	0	0	1
90 GUAM 2023	41	373	2023-08-14	Leo Palace Golf Course, Guam	m	2023-08-31	PNG	2023-09-29	0	0	0
91 GUAM 2023	42	420	2023-08-21	Leo Palace Golf Course, Guam	f	2023-08-31	DUG42	2023-10-02	0	0	0
92 GUAM 2023	43	426	2023-08-21	Leo Palace Golf Course, Guam	m	2023-08-31	V23B	2023-10-02	0	1	1
93 GUAM 2023	44	127	2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-15	X2B	2023-10-02	0	1	1
94 GUAM 2023	45	216	2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-24	CONTROL	2023-10-02	1	0	1
95 GUAM 2023	46	7	2023-07-09	Leo Palace Golf Course, Guam	m	2023-08-24	PNG	2023-10-02	1	1	0
96 GUAM 2023	47	31	2023-07-14	Leo Palace Golf Course, Guam	f	2023-08-15	V23B	2023-10-03	1	0	0
97 GUAM 2023	48	233	2023-08-04	Leo Palace Golf Course, Guam	f			2023-10-03	0	1	1
98 GUAM 2023	49	212	2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-24	X2B	2023-10-03	0	1	0
99 GUAM 2023	50	399	2023-08-19	Leo Palace Golf Course, Guam	f	2023-08-31	CONTROL	2023-10-04	0	1	1
100 GUAM 2023	51	68	2023-07-17	Leo Palace Golf Course, Guam	f	2023-08-04	CONTROL	2023-10-04	0	1	1
101 none	51	79	2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-04	CONTROL	2023-09-07	0	0	1
102 none	52	97	2023-07-20	Leo Palace Golf Course, Guam	m	2023-07-31	CONTROL	2023-09-08	0	1	1
103 none	53	63	2023-07-17	Leo Palace Golf Course, Guam	m	2023-07-31	CONTROL	2023-09-08	0	0	1
104 none	54	206	2023-08-02	Leo Palace Golf Course, Guam	m	2023-08-15	X2B	2023-09-08	0	0	1
105 none	56	193	2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-15	DUG42	2023-09-10	0	1	0
106 none	57	354	2023-08-14	Leo Palace Golf Course, Guam	f	2023-08-31	V23B	2023-09-10	0	1	0
107 none	58	75	2023-07-20	Leo Palace Golf Course, Guam	m	2023-08-24	DUG42	2023-09-10	1	1	1
108 none	59	166	2023-07-29	Leo Palace Golf Course, Guam	m	2023-08-15	CONTROL	2023-09-12	1	1	1
109 none	60	116	2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-24	PNG	2023-09-12	1	0	1
110 none	61	169	2023-07-29	Leo Palace Golf Course, Guam	f	2023-08-15	DUG42	2023-09-12	1	0	1
111 none	62	227	2023-08-04	Leo Palace Golf Course, Guam	m	2023-08-31	X2B	2023-09-14	0	0	0
112 none	63	211	2023-08-02	Leo Palace Golf Course, Guam	f	2023-08-24	PNG	2023-09-14	0	1	0
113 none	64	110	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	DUG42	2023-09-14	0	0	0
114 none	65	164	2023-07-29	Leo Palace Golf Course, Guam	f	2023-08-24	X2B	2023-09-14	0	1	1
115 none	66	191	2023-07-31	Leo Palace Golf Course, Guam	f	2023-08-24	V23B	2023-09-14	0	1	1
116 none	67	123	2023-07-24	Leo Palace Golf Course, Guam	m	2023-08-24	V23B	2023-09-14	0	1	1
117 none	68	433	2023-08-21	Leo Palace Golf Course, Guam	m	2023-08-31	CONTROL	2023-09-15	0	0	1
118 none	69	52	2023-07-17	Leo Palace Golf Course, Guam	f	2023-07-31	DUG42	2023-09-15	0	1	0
119 none	70	121	2023-07-24	Leo Palace Golf Course, Guam	f	2023-08-15	DUG42	2023-09-15	0	0	1